

MASTER

Pesticide Disposal Sites

(Fall, 1973)

Analyses - Pesticide residues were determined by means of gas chromatography.

Apparatus - Varian Aerograph, Model 600-D.

Column -

- a) Solid support - Chromosorb W.
- b) Liquid phase - 5% QF-1.
- c) Temperature - 200°C.

Injector Temperature - 240°C.

Detector (electron capture, tritium foil) -

- a) Temperature - 200°C.

Confirmation - Pesticide residues were confirmed by means of gas chromatography.

Apparatus - Varian Aerograph, Model 600-D.

Column -

- a) Solid support - Chromosorb W.
- b) Liquid support - 1.5% OV-101, 100/120.
- c) Temperature - 200°C.

Injector Temperature - 220°C.

Detector (electron capture, tritium foil) -

- a) Temperature - 200°C.

* WATER SURFACES FROM ALL AREAS HAS 0.00 PPM RESIDUE

Submitted by:

Benjamin R. Payne
Assistant Professor
of Biochemistry

Robert T. Richins
Graduate Assistant

<u>Sample</u>	<u>Residue in ppm</u>
49DSS - Lovelock (S. of site) Soil - 2 in. Collected 8/29/73	none
50DSS - Lovelock (50 ft. N. of site) Soil - 2 in. Collected 8/29/73	none
51DSS - Lovelock (50 ft. E. of site) Soil - 2 in. Collected 8/29/73	none
52DSS - Lovelock (50 ft. W. of site) Soil - 2 in. Collected 8/29/73	none
53DSS - Fallon (50 ft. S. of site) Soil - 2 in. Collected 8/30/73	none
54DSS - Fallon (50 ft. N. of site) Soil - 2 in. Collected 8/30/73	none
55DSS - Fallon (50 ft. E. of site) Soil - 2 in. Collected 8/30/73	none
56DSS - Fallon (50 ft. W. of site) Soil - 2 in. Collected 8/30/73	none
57DSS - Reese River (50 ft. S. of site) Soil - 2 in. Collected 8/30/73	none
58DSS - Reese River (50 ft. N. of site) Soil - 2 in. Collected 8/30/73	none
59DSS - Reese River (50 ft. E. of site) Soil - 2 in. Collected 8/30/73	none
60DSS - Reese River (50 ft. W. of site) Soil - 2 in. Collected 8/30/73	none
61DSS - Orovada (50 ft. S. of site) Soil - 2 in. Collected 8/30/73	none

62DSS - Orovada (50 ft. N. of site)	none
Soil - 2 in.	
Collected 8/30/73	
63DSS - Orovada (50 ft. E. of site)	none
Soil - 2 in.	
Collected 8/30/73	
64DSS - Orovada (50 ft. W. of site)	none
Soil - 2 in.	
Collected 8/30/73	
65DSS - Fallon (Ditch at spillway, mosquito Soil - 2 in. abatement headquarters)	none
Collected 8/30/73	
66DSS - Fallon (Ditch, 50' from spillway, Soil - 2 in. mosquito abatement hdqts.)	none
Collected 8/30/73	
46DSP - Fallon (50 ft. S. of site)	none
Vegetation - sagebrush (dry)	
Collected 8/30/73	
47DSP - Fallon (50 ft. N. of site)	none
Vegetation - sagebrush (dry)	
Collected 8/30/73	
48DSP - Fallon (50 ft. E. of site)	none
Vegetation - sagebrush (dry)	
Collected 8/30/73	
49DSP - Fallon (50 ft. W. of site)	none
Vegetation - sagebrush (dry)	
Collected 8/30/73	
50DSP - Lovelock (50 ft. S. of site)	none
Vegetation - sagebrush (dry)	
Collected 8/30/73	
51DSP - Lovelock (50 ft. N. of site)	none
Vegetation - sagebrush (dry)	
Collected 8/30/73	
52DSP - Lovelock (50 ft. E. of site)	none
Vegetation - sagebrush (dry)	
Collected 8/30/73	
53DSP - Lovelock (50 ft. W. of site)	none
Vegetation - sagebrush (dry)	
Collected 8/30/73	

SampleResidue in ppm

54DSP - Reese River (50 ft. S. of site) none
Vegetation - sagebrush (dry)
Collected 8/30/73

55DSP - Reese River (50 ft. N. of site) none
Vegetation - sagebrush (dry)
Collected 8/30/73

56DSP - Reese River (50 ft. E. of site) none
Vegetation - sagebrush (dry)
Collected 8/30/73

57DSP - Reese River (50 ft. W. of site) none
Vegetation - sagebrush (dry)
Collected 8/30/73

58DSP - Orovada (50 ft. S. of site) none
Vegetation - sagebrush (dry)
Collected 8/30/73

59DSP - Orovada (50 ft. N. of site) none
Vegetation - sagebrush (dry)
Collected 8/30/73

60DSP - Orovada (50 ft. E. of site) none
Vegetation - sagebrush (dry)
Collected 8/30/73

61DSP - Orovada (50 ft. W. of site) none
Vegetation - sagebrush (dry)
Collected 8/30/73